

CLAIMS

1. An agricultural mower comprising:

- at least one working unit (4, 5, 6; 106) intended to cut a standing product,
- a connecting device (10, 11; 111) intended to connect the at least one working unit (4, 5, 6; 106) to a motor vehicle (2); during work, the connecting device (10, 11; 111) allows the at least one working unit (4, 5, 6; 106) to move transversely with respect to a direction of forward travel (3) of the mower (1; 101), and
- an operating member (18; 118) intended to cause the transverse movement of the at least one working unit (4, 5, 6; 106),

characterized in that the mower (1; 101) additionally comprises a control device (20) intended to control the operating member (18; 118) according to the roll angle of the agricultural mower (1; 101), so as to keep a cutting overlap (19) at an optimum value.

2. Mower as claimed in Claim 1, characterized in that the connecting device (11) comprises a front part (14a) intended to be connected to the motor vehicle (2) and a rear part (14b) to which the at least one working unit (5, 6) is connected, the front part (14a) and the rear part (14b) are connected to one another by means of link rods (17) defining a deformable quadrilateral.

3. Mower as claimed in Claim 2, characterized in that the link rods (17) define a trapezium converging towards the front.

4. Mower as claimed in Claim 2 or 3, characterized in that the rear part (14b) supports two working units (5, 6).

5. Mower as claimed in any one of Claims 2 to 4, characterized in that the operating member (18) is connected, on the one hand, to the front part (14a) and, on the other hand, to the rear part (14b).

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6. Mower as claimed in Claim 1, characterized in that the connecting device (111) comprises a chassis (25) resting on the ground by means of wheels (27) and to which the working unit (106) is connected, a
10 hitching head (30) intended to be connected to the motor vehicle (2) and a drawbar (28) connected at each of its ends to, on the one hand, the chassis (25) and, on the other hand, the hitching head (30) by means of a respective articulation (29, 31) the
15 axis of which is directed upwards.

7. Mower as claimed in Claim 6, characterized in that the operating member (118) is connected, on the one hand, to the chassis (25) and, on the other hand,
20 to the drawbar (28).

8. Mower as claimed in any one of Claims 1 to 7, characterized in that it additionally comprises a frontal working unit (4) positioned at the front of
25 the motor vehicle (2), the at least one working unit (5, 6; 106) being positioned at the rear of the motor vehicle (2).

9. Mower as claimed in any one of Claims 1 to 8,
30 characterized in that the control device (20) comprises a sensor (21) intended to measure the roll angle of the mower (1; 101), a driving unit (22) and a distributor (23) intended to act on the operating member (18; 118).

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10. Mower as claimed in Claim 9, characterized in that the sensor (21) additionally allows the yaw angle of the motor vehicle (2) to be measured.

11. Mower as claimed in Claim 9 or 10, characterized in
that the control device (20) additionally comprises
a detection means (24) intended to inform the
driving unit (22) when the at least one working
5 unit (5, 6; 106) has reached a central position.

12. Mower as claimed in Claim 11, characterized in that
the detection means (24) is a position sensor
intended to measure the transverse position of the
10 at least one working unit (5, 6; 106) with respect
to the motor vehicle (2).